CLAIMS

1.   A method of managing use of a service by a mobile user in a foreign wireless network in which the user registers via a foreign server in the foreign network and the foreign server, in response to a request for access to a service by a mobile user, sends to a home server in the user's home network, a message including data identifying the mobile user and the service requested by the mobile user, said message being a first SIP MESSAGE in accordance with the Session Initiation Protocol (SIP).

2.   A method as claimed in claim 1, in which the home server responds to the first SIP MESSAGE by sending to the foreign server a second SIP MESSAGE containing data of authorised access by the mobile user to said service, and in which the foreign server refers to said data in said second SIP MESSAGE to control access by the mobile user to said service.

3.   A method as claimed in claim 1 in which the home server responds to the first SIP MESSAGE by sending to the foreign server a second SIP MESSAGE including data of all services which the mobile user is authorised to access in the foreign network, and in which the foreign server refers to said data in said second SIP MESSAGE to control access by the mobile user to services..

4.   A method as claimed in claim 2 in which account details relating to use of a mobile user in one or more foreign networks is held in a first database in the home network for reference by the home server in generating said second SIP MESSAGE.

5.   A method as claimed in claim 2 in which data pertaining to use of said service which a mobile user is authorised to access is held in a second database in the foreign network for reference by the foreign server to control access by said mobile user.

6.   A method as claimed in claim 2 in which the foreign server sends data of use of said service by the mobile user to the home server in a third SIP MESSAGE.

7.　　A method as claimed in claim 6 in which the data of use of said service by the mobile user is held in a database in the foreign network, to which the foreign server refers in sending said third SIP MESSAGE to the home server.

8.　A method as claimed in claim 5 in which said second database also holds data for use of said service by the mobile user, and the foreign server refers to the second database in generating a third SIP MESSAGE including data of use of said service by the mobile, the foreign server sending the third SIP MESSAGE to the home server.

9.　　A method of managing use of a service by a mobile user in a foreign wireless network in which the user registers via a foreign server in the foreign network and the foreign server sends to a home server in the user's home network, data of use of said service by said user, said data being included in a message in accordance with the Session Initiation Protocol (SIP MESSAGE).

10.　　A method as claimed in claim 9 in which the data of use of said service by the mobile user is held in a database in the foreign network, to which the foreign server refers in sending said SIP MESSAGE to the home server.

11.　　A method as claimed in claim 9 in which said second database also holds data for control of said service by the mobile user.

12.　　A server programmed for use in one wireless network to manage use of a service by a mobile user visiting said one network from a home network of the mobile use, the server being programmed to respond to a request for access to a service by a mobile user by sending to a home server in said user's home network, a message containing data identifying the mobile user and the service requested by the mobile user, said message being a first SIP MESSAGE in accordance with the Session Initiation Protocol (SIP).

13.　　A server as claimed in claim 12 which is arranged to receive a corresponding response from the home server in the form of a second SIP MESSAGE including data of authorised access by the mobile user to said service.

14. A server as claimed in claim 13 which is arranged to control access by the mobile user to said service by reference to data in said second SIP MESSAGE.

15. A server as claimed in claim 14 and a database in which data from said second SIP MESSAGE is held for reference by the server, in controlling access by the mobile user to said service.

16. A server as claimed in claim 12 which is arranged to send data of use of said service by the mobile user to the home server in a third SIP MESSAGE.

17. A server as claimed in claim 15 in which said database also holds data of use of said service by the mobile user, and the server is arranged to refer to the foreign database in generating a third SIP MESSAGE including data of use of said service by the mobile user, the server being arranged for sending the third SIP MESSAGE to the home server.

18. A server programmed for use in one wireless network to manage use of a service by a mobile user visiting said one network from a home network of the mobile use, the server being programmed to communicate with a home server in said user's home network for causing the foreign server to send data of use of said service by said user to said home server, said data being incorporated in a message SIP MESSAGE using the Session Initiation Protocol (SIP)

19. A server programmed for use in one wireless network to manage use of a service by a mobile user visiting a foreign wireless network, the server being programmed to respond to a first message from the foreign network including data identifying said mobile user, by sending to the foreign server a second message including data of authorised access by the mobile user to said server, said first and second messages being included in a message SIP MESSAGE using the Session Initiation Protocol (SIP).

20. A server as claimed in claim 19 in which the second SIP MESSAGE includes data of all services which the mobile user is authorised to access in the foreign network.

21. A server as claimed in claim 19 which is arranged to receive a third SIP MESSAGE from the foreign server including data of use of said service in the foreign network by the mobile user.

22. A server as claimed in claim 21 and a database which holds account details of said mobile user and is arranged to generate said second SIP MESSAGE by reference to said account details.

23. A server as claimed in claim 21 which stores said data in said third SIP MESSAGE in said database.

24. A system for managing use of a service by a mobile user in a foreign wireless network comprising a home server which holds account details relating to use of the mobile user in the foreign network, and a foreign server in the foreign network through which the mobile user registers in the foreign network, the foreign server comprising a server as claimed in claim 12.

25. A system as claimed in claim 24 wherein the home server comprises a server programmed for use in one wireless network to manage use of a service by a mobile user visiting a foreign wireless network, the server being programmed to respond to a first message from the foreign network including data identifying said mobile user, by sending to the foreign server a second message including data of authorised access by the mobile user to said server, said first and second messages being included in a message SIP MESSAGE using the Session Initiation Protocol (SIP).

26. A memory storing a computer program for managing use of a service by a mobile user in a foreign wireless network in which the user registers via a foreign server in the foreign network and the foreign server, in response to a request for access to a service by a mobile user, sends to a home server in the user's home network, a message including data identifying the mobile user and the service requested by the mobile user, said message being a first SIP MESSAGE in accordance with the Session Initiation Protocol (SIP).

27.   A memory storing a computer program for managing use of a service by a mobile user in a foreign wireless network in which a method of managing use of a service by a mobile user in a foreign wireless network in which the user registers via a foreign server in the foreign network and the foreign server sends to a home server in the user's home network, data of use of said service by said user, said data being incorporated in a message in accordance with the Session Initiation Protocol (SIP MESSAGE).